

Felice Grandinetti

List of Publications by Year in descending order

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121
papers

1,989
citations

257450

24
h-index

361022

35
g-index

127
all docs

127
docs citations

127
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Noble-gas compounds: A general procedure of bonding analysis. <i>Journal of Chemical Physics</i> , 2022, 156, 014104.	3.0	10
2	On the Proton-Bound Noble Gas Dimers (Ng-H-Ng) ⁺ and (Ng-H-Ng ⁺) ⁺ (Ng, Ng ⁺ = He-Xe): Relationships between Structure, Stability, and Bonding Character. <i>Molecules</i> , 2021, 26, 1305.	3.8	8
3	From LAr to L-ArBeO (L = He, Ne, Ar, HF): Switching on σ -hole effects in non-covalent interactions. <i>Chemical Physics Letters</i> , 2021, 768, 138402.	2.6	8
4	Concerning the Role of σ -Hole in Non-Covalent Interactions: Insights from the Study of the Complexes of ArBeO with Simple Ligands. <i>Molecules</i> , 2021, 26, 4477.	3.8	2
5	Classifying the chemical bonds involving the noble-gas atoms. <i>New Journal of Chemistry</i> , 2020, 44, 14536-14550.	2.8	17
6	Cationic Noble-Gas Hydrides: From Ion Sources to Outer Space. <i>Frontiers in Chemistry</i> , 2020, 8, 462.	3.6	21
7	Complexes of helium with neutral molecules: Progress toward a quantitative scale of bonding character. <i>Journal of Computational Chemistry</i> , 2020, 41, 1000-1011.	3.3	10
8	Complexes of the noble-gas atoms with unsaturated ions: A theoretical investigation on the exemplary (H ₂ C=NH ₂ ⁺)Ar. <i>Chemical Physics Letters</i> , 2020, 752, 137532.	2.6	1
9	Noncovalent Complexes of the Noble-Gas Atoms: Analyzing the Transition from Physical to Chemical Interactions. <i>Journal of Computational Chemistry</i> , 2019, 40, 2318-2328.	3.3	19
10	Helium Accepts Back-Donation In Highly Polar Complexes: New Insights into the Weak Chemical Bond. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3334-3340.	4.6	24
11	Complexes of the Noble Gases with H ₃ O ⁺ : A Theoretical Investigation of Ng(H ₃ O ⁺) (Ng = He-Xe). <i>European Journal of Mass Spectrometry</i> , 2015, 21, 171-181.	1.0	7
12	Bimolecular Homolytic Substitutions at Nitrogen: An Experimental and Theoretical Study on the Gas-Phase Reactions of Alkyl Radicals with NF ₃ . <i>Chemistry - A European Journal</i> , 2015, 21, 15826-15834.	3.3	5
13	Catching the role of anisotropic electronic distribution and charge transfer in halogen bonded complexes of noble gases. <i>Journal of Chemical Physics</i> , 2015, 142, 184304.	3.0	39
14	Bonding Motifs of Noble-Gas Compounds As Described by the Local Electron Energy Density. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6528-6541.	2.5	42
15	Electronic structure and conformational flexibility of d-cycloserine. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25845-25853.	2.8	1
16	Experimental Evidence of Chemical Components in the Bonding of Helium and Neon with Neutral Molecules. <i>Chemistry - A European Journal</i> , 2015, 21, 6234-6240.	3.3	53
17	Complexes of XeHXe ⁺ with Simple Ligands: A Theoretical Investigation on (XeHXe ⁺) _L (L = N ₂ , CO, H ₂ O, NH ₃). <i>Journal of Physical Chemistry A</i> , 2015, 119, 2383-2392.	2.5	22
18	Neutral Compounds with Xenon-Germanium Bonds: A Theoretical Investigation on FXeGeF and FXeGeF ₃ . <i>Journal of Physical Chemistry A</i> , 2014, 118, 3326-3334.	2.5	21

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19	Ion chemistry of sulfuryl fluoride: An experimental and theoretical study on gas-phase reactions involving neutral and ionized SO ₂ F ₂ . <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 46-53.	1.5	0
20	Neon behind the signs. <i>Nature Chemistry</i> , 2013, 5, 438-438.	13.6	25
21	HNg^+	2.5	5
22	Germyl Cations with Ge-S Bonds: An Experimental and Theoretical Study on the Gaseous F _n Ge(SH) _{3-n} (n = 0, 1, 2). <i>European Journal of Mass Spectrometry</i> , 2012, 18, 447-456.	1.0	1
23	Gaseous germyl cations: A theoretical investigation on the structure, properties, and mechanism of formation of and (n = 0, 1, 2). <i>Computational and Theoretical Chemistry</i> , 2012, 993, 131-139.	2.5	6
24	Gas-phase reactions of SiH _n ⁺ (n = 1, 2) with NF ₃ : A computational investigation on the detailed mechanistic aspects. <i>Journal of Computational Chemistry</i> , 2012, 33, 1918-1926.	3.3	3
25	Gas-Phase Ion Chemistry of the Noble Gases: Recent Advances and Future Perspectives. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 423-463.	1.0	69
26	Positive Ion Chemistry of SiH ₄ /GeF ₄ Gaseous Mixtures Studied by Ion Trap Mass Spectrometry and <i>Ab Initio</i> Calculations. <i>European Journal of Mass Spectrometry</i> , 2011, 17, 197-206.	1.0	2
27	Gas-phase chemistry of ionized and protonated GeF ₄ : a joint experimental and theoretical study. <i>Journal of Mass Spectrometry</i> , 2011, 46, 465-477.	1.6	10
28	Xenon-Nitrogen Chemistry: Gas-Phase Generation and Theoretical Investigation of the Xenon-Difluoronitrenium Ion F ₂ N ⁺ Xe. <i>Chemistry - A European Journal</i> , 2011, 17, 10682-10689.	3.3	40
29	Cationic noble gas hydrides-2: A theoretical investigation on HNgHNgH ⁺ (Ng=Ar, Kr, Xe). <i>Computational and Theoretical Chemistry</i> , 2011, 964, 318-323.	2.5	19
30	Stabilization of HHeF by Complexation: Is it a Really Viable Strategy?. <i>Chemistry - A European Journal</i> , 2010, 16, 6257-6264.	3.3	7
31	F ₃ Ge ⁺ Xe ⁺ : A Xenon Germanium Molecular Species. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2006-2010.	4.6	39
32	Cationic Noble Gas Hydrides: A Theoretical Investigation of Dinuclear HNgFNgH ⁺ (Ng = Ar, Kr, Xe). <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2011-2014.	2.5	29
33	Ion/Molecule reactions in SiH ₄ /H ₂ S and GeH ₄ /H ₂ S mixtures. <i>Journal of Mass Spectrometry</i> , 2009, 44, 725-734.	1.6	5
34	Gas-phase reactions of XH ₃ ⁺ (X = C, Si, Ge) with NF ₃ : a comparative investigation on the detailed mechanistic aspects. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1348-1358.	1.6	8
35	Protonated MF ₃ (M=N, Bi): Structure, stability, and thermochemistry of the H ⁺ MF ₃ ⁺ and HF ⁺ MF ₂ ⁺ isomers. <i>Journal of Fluorine Chemistry</i> , 2009, 130, 557-561.	1.7	7
36	Noble gas-selenium molecular species: A theoretical investigation of FNgSe ⁺ (Ng=He, Xe). <i>Chemical Physics Letters</i> , 2009, 470, 49-53.	2.6	18

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37	Positive Ion Chemistry of SiH ₄ /NF ₃ Gaseous Mixtures Studied by Ion Trap Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 209-220.	1.0	7
38	Cl-Initiated oxidation of N-ethyl-perfluoroalkanesulfonamides: A theoretical insight into the experimentally observed products. <i>Computational and Theoretical Chemistry</i> , 2008, 857, 57-65.	1.5	1
39	Ion chemistry in germane/fluorocompounds gaseous mixtures: a mass spectrometric and theoretical study. <i>Journal of Mass Spectrometry</i> , 2008, 43, 1320-1333.	1.6	11
40	Noble gas ⁺ sulfur anions: A theoretical investigation of FNgS ⁻ (Ng=He, Ar, Kr, Xe). <i>Chemical Physics Letters</i> , 2008, 458, 48-53.	2.6	29
41	Noble Gas Anions: A Theoretical Investigation of FNgN ⁻ (Ng = He ⁺ Xe). <i>Journal of Physical Chemistry A</i> , 2007, 111, 10144-10151.	2.5	53
42	Chemically enhanced liquid chromatography/tandem mass spectrometry determination of glutamic acid in the diffusion medium of retinal cells. <i>Biomedical Chromatography</i> , 2007, 21, 1069-1076.	1.7	29
43	Noble Gas Complexes: Theoretical Investigation of Multicenter Polynuclear Species. <i>Helvetica Chimica Acta</i> , 2007, 90, 1335-1352.	1.6	4
44	Gas-phase ion chemistry of NF ₃ /SO ₂ mixtures: A mass spectrometric and theoretical investigation. <i>International Journal of Mass Spectrometry</i> , 2007, 266, 86-91.	1.5	2
45	Ge ₃ Hn ⁻ Anions (n= 0 ⁺ 5) and Their Neutral Analogues: A Theoretical Investigation on the Structure, Stability, and Thermochemistry. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9429-9437.	2.5	3
46	Cationic Germanium Fluorides: A Theoretical Investigation on the Structure, Stability, and Thermochemistry of GeFn/GeFn ⁺ (n= 1 ⁺ 3). <i>Journal of Physical Chemistry A</i> , 2006, 110, 4900-4905.	2.5	15
47	Ligation of Be ⁺ and Mg ⁺ to NF ₃ : Structure, stability, and thermochemistry of the Be ⁺ (NF ₃) and Mg ⁺ (NF ₃) complexes. <i>International Journal of Mass Spectrometry</i> , 2006, 255-256, 11-19.	1.5	4
48	Cationic germanium fluorides. <i>International Journal of Mass Spectrometry</i> , 2006, 257, 50-59.	1.5	8
49	Neutral Helium Compounds: Theoretical Evidence for a Large Class of Polynuclear Complexes. <i>Chemistry - A European Journal</i> , 2006, 12, 5033-5042.	3.3	36
50	Fluoromethyl Cations and Group XIV Congeners AHnF ₃ ⁺ (A = Si, Ge, Sn, Pb; n = 0 ⁺ 2): From Covalent Structures to Ion-Molecule Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3010-3015.	2.0	5
51	From OBeHe to H ₃ BOBeHe: Enhancing the stability of a neutral helium compound. <i>Chemical Physics Letters</i> , 2005, 406, 179-183.	2.6	43
52	Helium Chemistry: A Survey of the Role of the Ionic Species. <i>ChemInform</i> , 2005, 36, no.	0.0	0
53	Comment on "Computational Investigation of SO ₃ ⁻ NH ₃ -nXn (n= 0 ⁺ 3; X = F, Cl) Interactions". <i>Journal of Physical Chemistry A</i> , 2005, 109, 2410-2411.	2.5	1
54	Nitrogen Trifluoride as a Bifunctional Lewis Base: Implications for the Adsorption of NF ₃ on Solid Surfaces. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1125-1130.	2.0	11

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55	A Computational Investigation of HCN ₂ ⁺ Isomeric Structures: Implications for the Chemistry of Titan's Atmosphere. <i>ChemPhysChem</i> , 2004, 5, 1345-1351.	2.1	3
56	FN+Cl Ions from Ionized F ₂ NCl: a Computational Investigation on the Structure and Reactivity toward H ₂ O. <i>Helvetica Chimica Acta</i> , 2004, 87, 1467-1482.	1.6	3
57	Helium chemistry: a survey of the role of the ionic species. <i>International Journal of Mass Spectrometry</i> , 2004, 237, 243-267.	1.5	93
58	SBeNg, SBNg ⁺ , and SCNg ₂ ⁺ complexes (Ng=He, Ne, Ar): a computational investigation on the structure and stability. <i>Chemical Physics Letters</i> , 2004, 384, 25-29.	2.6	38
59	OBHe ⁺ : a remarkably stable singly charged cation containing helium. <i>Chemical Physics Letters</i> , 2004, 398, 357-360.	2.6	6
60	Concerning the reaction between singlet nitrenium ions and water: A computational investigation on competitive reaction paths. <i>Journal of Computational Chemistry</i> , 2003, 24, 547-564.	3.3	5
61	Isomeric Alkyl Cation/Arene Complexes in the Gas Phase. <i>Chemistry - A European Journal</i> , 2003, 9, 2072-2078.	3.3	17
62	FSO ⁺ and FSO ₂ ⁺ ions from ionised sulfur oxyfluorides: a computational investigation on the structure, stability, and thermochemistry. <i>Chemical Physics Letters</i> , 2003, 372, 455-463.	2.6	7
63	A computational investigation on the Lewis acidity of fluoro- and chloronitrenium ions. <i>Computational and Theoretical Chemistry</i> , 2003, 635, 221-227.	1.5	5
64	Beryllium-helium cations: computational evidence for a large class of thermodynamically stable species. <i>International Journal of Mass Spectrometry</i> , 2003, 228, 415-427.	1.5	19
65	Stable Compounds of the Lightest Noble Gases: A Computational Investigation of RNBeNg (Ng = He, Ne, Ar). <i>Journal of Physical Chemistry A</i> , 2003, 107, 7843-7857.	2.5	14
66	Adducts of NF ₂ ⁺ with diatomic and simple polyatomic ligands: a computational investigation on the structure, stability, and thermochemistry. <i>International Journal of Mass Spectrometry</i> , 2002, 216, 285-299.	1.5	24
67	A computational investigation on the mechanism of the reaction between O(1D) and NF ₃ . <i>Chemical Physics Letters</i> , 2002, 366, 676-682.	2.6	9
68	Complexes of lithium cation with nitrogen trifluoride: a computational investigation on the structure and stability of Li ⁺ (NF ₃) isomers. <i>Computational and Theoretical Chemistry</i> , 2001, 574, 185-193.	1.5	14
69	The Unimolecular Loss of HF by Simple Inorganic Ions: A Computational Dynamic Reaction Path Study. <i>European Journal of Mass Spectrometry</i> , 2000, 6, 31-37.	1.0	5
70	Eliminative Ring Opening of Oxiranium Ions in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1673-1676.	13.8	6
71	FBeNg ⁺ (Ng=He, Ne, Ar): Suitable Cations for Salts of the Lightest Noble Gases?. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1690-1692.	13.8	12
72	Spin-forbidden F ⁺ transfer between 2NF ⁺ and CO: a computational study on the detailed mechanistic aspects. <i>International Journal of Mass Spectrometry</i> , 2000, 201, 151-160.	1.5	3

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73	The ionization potential of NF ₃ : a G3 computational study on the thermochemical properties of NF _x and NF _x + (x = 1-3). Computational and Theoretical Chemistry, 2000, 497, 205-209.	1.5	16
74	Unimolecular decay of the thiomethoxy cation, CH ₃ S ⁺ : A computational study on the detailed mechanistic aspects. Journal of Chemical Physics, 1999, 111, 6759-6768.	3.0	19
75	Carbonylation of ammonia by gaseous FCO ⁺ . A G2 and Rice-Ramsperger-Kassel-Marcus study of the detailed mechanistic aspects. International Journal of Mass Spectrometry, 1999, 184, 89-101.	1.5	5
76	Mechanistic Aspects of F ⁺ Transfer Reactions: A Model Study in the Gas Phase. Chemistry - A European Journal, 1998, 4, 2366-2374.	3.3	19
77	Protonated NF ₃ O. A G2MS theoretical study on the structure, stability, and interconversion of the (NF ₃ O)H ⁺ isomers. International Journal of Mass Spectrometry and Ion Processes, 1998, 175, 317-324.	1.8	4
78	Chiral Ions in the Gas Phase. 1. Intramolecular Racemization and Isomerization of O-Protonated (S)-trans-4-Hexen-3-ol. Journal of the American Chemical Society, 1997, 119, 4525-4534.	13.7	15
79	Gaseous protonated nitrosamide. A G2 theoretical study on the structure, stability, and interconversion of (H ₂ N ⁺ -NO) H ⁺ isomers. Chemical Physics Letters, 1997, 267, 98-104.	2.6	17
80	Methylated NF ₃ . A G2MS theoretical study on the structure, stability, and interconversion of the CH ₃ -NF ₃ ⁺ and CH ₃ F ⁺ -NF ₂ ⁺ isomers. Chemical Physics Letters, 1997, 281, 431-437.	2.6	20
81	Aktivierung von Kohlendioxid durch Koordination mit Kationen in der Gasphase: SiF ₃ ⁺ -vermittelte Carbonylierung von Arenen mit Kohlendioxid. Angewandte Chemie, 1996, 108, 2674-2676.	2.0	0
82	Protonated thiohypofluorous acid, FSH ₂ ⁺ . Theoretically predicted to be stable and experimentally observed in the gas phase. Chemical Physics Letters, 1996, 253, 189-195.	2.6	10
83	Protonated methyl nitrite. A theoretical investigation on the structure and stability of (MeO ⁺ -NO)H ⁺ and the proton affinity of RO ⁺ -NO (R = H, Me). Chemical Physics Letters, 1996, 258, 123-128.	2.6	15
84	Ionic Fluorination of Carbon Monoxide as a Route to Gasphase Carbonylation of Inert C ₂ H ₂ and N ₂ H ₂ Bonds. Chemistry - A European Journal, 1996, 2, 495-501.	3.3	35
85	Activation of Carbon Dioxide by Coordination with Cations in the Gas Phase: SiF ₃ ⁺ -Mediated Coupling of CO ₂ and Aromatic C ₂ H ₂ Bonds. Angewandte Chemie International Edition in English, 1996, 35, 2522-2524.	4.4	9
86	Structure and Stability of Isomeric C ₂ GeH ₇ ⁺ Ions. An ab Initio Post-SCF Study. The Journal of Physical Chemistry, 1995, 99, 17724-17728.	2.9	8
87	Gaseous Fluorodiazonium Ions. Experimental and Theoretical Study on Formation and Structure of FN ₂ ⁺ . Inorganic Chemistry, 1995, 34, 1325-1332.	4.0	25
88	The gaseous trifluorosilylxenon cation, F ₃ SiXe ⁺ : a stable species with a silicon-xenon bond. Journal of the Chemical Society Chemical Communications, 1995, , 773-774.	2.0	29
89	Gaseous Protonated Nitrosyl Fluoride. Experimental and Theoretical Characterization of Two Distinguishable Isomers, HONF ⁺ and ONFH ⁺ , and Evaluation of the Barrier for Their Interconversion. The Journal of Physical Chemistry, 1994, 98, 2713-2718.	2.9	28
90	Gaseous F ₂ NO ⁺ Cations from the Addition of NF ₂ ⁺ to N ₂ O. Structure and Mechanism of Formation. The Journal of Physical Chemistry, 1994, 98, 8009-8013.	2.9	22

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91	Uncommon electronic effects on the gas-phase Brønsted acidity of isomeric hydroxyphenylium ions. <i>Chemical Physics Letters</i> , 1994, 229, 581-586.	2.6	3
92	An Extraordinarily Violent Molecular Dissociation: The Unprecedented Kinetic Energy Release in the Decomposition of HONF ⁺ , a Singly Charged Metastable Ion. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 123-125.	4.4	24
93	Eine außergewöhnlich heftige molekulare Dissoziation: beispiellose Freisetzung kinetischer Energie beim Zerfall von HONF ⁺ , einem einfach geladenen, metastabilen Ion. <i>Angewandte Chemie</i> , 1994, 106, 104-106.	2.0	5
94	The addition of NF ₂ to H ₂ O as a route to gaseous protonated F ₂ NOH. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1994, 130, 117-125.	1.8	17
95	Ionic Lewis superacids in the gas phase. Part 4. CF ₃ ⁺ initiated ion/molecule reaction patterns in the ¹³ C-radiolysis of CF ₄ /n-bases gaseous mixtures. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1994, 130, 207-222.	1.8	7
96	Experimental observation of stable cyanodiazonium ions, NC≡N ₂ ⁺ . <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 2173-2174.	2.0	13
97	Gas-phase protonation of simple inorganic molecules: A stimulating interplay between theory and experiment. <i>Organic Mass Spectrometry</i> , 1993, 28, 1504-1511.	1.3	4
98	The NF ₂ H ⁺ and NH ₂ F ⁺ radical cations: conventional structures or ion-molecule complexes? A GAUSSIAN-1 study. <i>Chemical Physics Letters</i> , 1993, 204, 53-58.	2.6	6
99	Ionic Lewis superacids in the gas phase. Part 1. Ionic intermediates from the attack of gaseous SiF ₃ ⁺ on n-bases. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 124, 21-36.	1.8	29
100	Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF ₃ ⁺ with oxygen bases. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 127, 123-135.	1.8	20
101	Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF ₃ ⁺ with nitrogen bases. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 127, 137-146.	1.8	15
102	Gas-phase protonation of spiropentane. A novel entry into the C ₅ H ₉ ⁺ potential energy surface. <i>Journal of the American Chemical Society</i> , 1993, 115, 10338-10347.	13.7	14
103	Gas-phase ion chemistry of nitramide. A mass spectrometric and ab initio study of nitramide (H ₂ N-NO ₂) and the H ₂ N-NO ₂ ⁺ , [H ₂ N-NO ₂] ⁺ H ⁺ , and [HN-NO ₂] ⁻ ions. <i>Journal of the American Chemical Society</i> , 1993, 115, 12398-12404.	13.7	22
104	Concerning the proton affinity of hydrazoic acid and methyl nitrate. <i>Journal of Organic Chemistry</i> , 1993, 58, 3639-3642.	3.2	4
105	Gas-phase ion chemistry of cyanamide. A mass spectrometric and ab initio study of gaseous [H ₂ N-CN] ⁺ , [H ₂ N-CN] ⁺ H ⁺ , and [HN-CN] ⁻ ions. <i>The Journal of Physical Chemistry</i> , 1993, 97, 4239-4245.	2.9	24
106	Structure and stability of various (C ₂ H ₅ Ge) ⁺ ions: an ab initio molecular orbital study. <i>The Journal of Physical Chemistry</i> , 1993, 97, 4945-4950.	2.9	9
107	Structure and stability of H ₄ NO ₄ ⁺ ions: an ab initio theoretical investigation. <i>The Journal of Physical Chemistry</i> , 1992, 96, 4354-4358.	2.9	8
108	Experimental and ab initio MO studies on [H ₂ N,O] ⁺ ions in the gas phase: characterization of the isomers H ₂ NO ⁺ , HNOH ⁺ and NOH ₂ ⁺ and the mechanism of unimolecular dehydrogenation of [H ₂ N,O] ⁺ . <i>The Journal of Physical Chemistry</i> , 1992, 96, 4841-4845.	2.9	21

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109	Gas-phase protonation of nitrosyl hydride: a GAUSSIAN-1 ab initio MO study of the structure, stability, and unimolecular interconversion processes of various [H ₂ N,O] ⁺ isomers. <i>The Journal of Physical Chemistry</i> , 1992, 96, 2100-2103.	2.9	12
110	Nitrogen versus fluorine protonation of nitrogen fluoride in the gas-phase. A combined mass spectrometric and Gaussian-1 ab initio MO study reveals the existence of two distinct isomers F ₃ NH ⁺ and F ₂ N-FH ⁺ . <i>Journal of the American Chemical Society</i> , 1992, 114, 2806-2810.	13.7	57
111	Positive ion chemistry of gaseous boric and polyboric acids. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1992, 117, 47-63.	1.8	7
112	Gas-phase ion chemistry of H ₃ BO ₃ . Protonated orthoboric, metaboric and polyboric acids, and their anions in the gas phase. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 66-68.	2.0	9
113	Gas-phase heteroaromatic substitution. 13. A quantitative application of the curve-crossing reactivity model to heteroaromatic substitution. <i>Journal of the American Chemical Society</i> , 1991, 113, 4550-4557.	13.7	11
114	H ₂ NO ₂ ⁺ ions in the gas phase: a mass spectrometric and post-SCF ab initio study. <i>The Journal of Physical Chemistry</i> , 1991, 95, 9782-9787.	2.9	32
115	Bonding in square-planar MCl(CX)[P(i-Pr) ₃] ₂ complexes of rhodium and iridium (X = O and CH ₂) studied by UV photoelectron spectroscopy and DV-X α calculations. <i>Journal of Organometallic Chemistry</i> , 1990, 382, 445-454.	1.8	4
116	Gas-phase heteroaromatic substitution. 8. Electrophilic attack of ethyl cation on pyrrole, N-methylpyrrole, furan, and thiophene. <i>Journal of the American Chemical Society</i> , 1990, 112, 3064-3068.	13.7	10
117	Relative stability of isomeric methyl nitrate cations (CH ₃ NO ₃)H ⁺ . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 413.	0.9	7
118	Tin-sulfur and tin-selenium bonding in some tin(IV) compounds studied by UV photoelectron and NMR spectroscopy and pseudopotential ab initio calculations. <i>Organometallics</i> , 1988, 7, 262-266.	2.3	5
119	A comparative study of gas phase aromatic desilylation and tertbutylation by charged electrophiles. <i>Canadian Journal of Chemistry</i> , 1988, 66, 3099-3107.	1.1	37
120	Ring-size effects on the ionization potentials of N-substituted azacycloalkanes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1986, , 667.	0.9	14
121	Evidence for π - π interaction in some allyltin compounds. UV photoelectron spectroscopy and LCBO calculations. <i>Journal of Organometallic Chemistry</i> , 1986, 315, 287-297.	1.8	10